

## Time Line – Work Plans, Reports, &amp; Activities



1099542 - R8 SDMS

Draft – January 11, 2008

**Work For 2008**

- Construction of Phase 2 CAMU
- Removal of waste in storage to the CAMU; Additional Demo
- RFI Phase 2: Source Characterization Study for Soil and Ground Water
  - Broaden parameter list for soil analysis and water analysis
  - Compile and submit all known Se, Antimony, Thallium, etc. data
  - Define extent of groundwater plumes - new well installation (Onsite & Offsite)
  - Additional investigation:
    - Prickly Pear Creek
    - Wilson Ditch (Onsite & Offsite)
    - Slag Pile
    - Acid Plant Wastewater Pond
    - Rail Car Staging Area
    - Old Thornlock Lake
    - Tito Park
    - Upper and Lower Lake Sediments
    - Thawhouse (built over Wilson Ditch)
    - Sewer Lines
    - Old Zinc Plant
  - Water Usage Study (water rights, well usage, surface water, PWS systems, etc.)
- Baseline Risk Assessment and Site Conceptual Model

After the risk assessment, soil clean-up and removal levels may be established and will help drive remediation activities such as source removal or containment.

- Interim Measures - Groundwater

Modeling and Design for Pump and Treat System

Design of Water Treatment System

**Work for 2009**

- Demolition of Blast and Monier Flue
- Additional Demo Under State Consent Decree
- Modified – Corrective Measures Study (Soil)

Remedy Evaluations for soil removal (this will potentially include Upper and Lower Lake, Tito Park, and various soils on-site)

Remedy Evaluations for site-wide cap

- Corrective Measures Implementation Work Plan

Details of remediation work including: CAMU Phase 3 construction, soil & sediment removal, installation of groundwater remedy, installation of site-wide cap, and long term operation and maintenance activities.

- Interim Measures - Groundwater

Installation of Pump and Treat System

Construction and Start-up of Water Treatment System

#### **Work for 2010**

- Estimated Completion of Demo Under State Consent Decree
- Remedy Implementation - Soil
  - ✓ CAMU Phase 3 Construction
  - ✓ Soil & Sediment Removal
- Pump & Treat System Optimization